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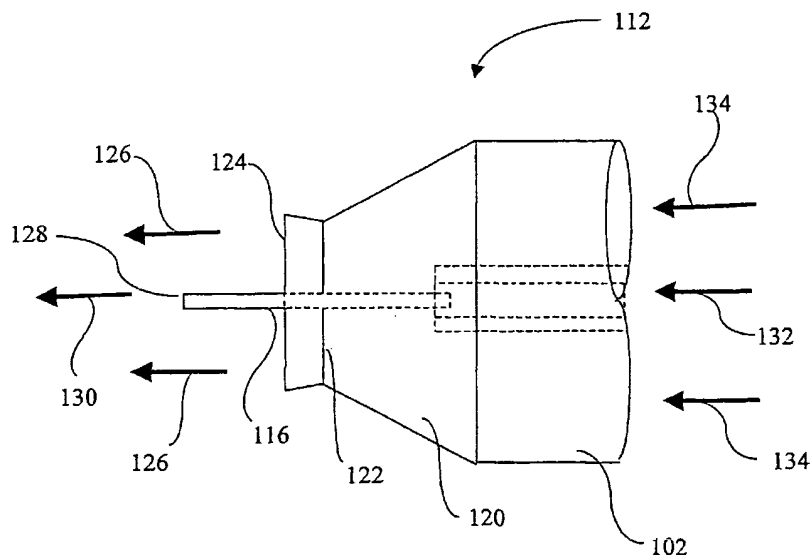
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(54) Title: A HIGH VELOCITY LIQUID-GAS MIST TISSUE ABRASION DEVICE



(57) Abstract: The present invention relates to a device for abrading or cleansing tissue. The device includes a gas inlet port connected to a pressurized gas source, and a liquid inlet port connected to a pressurized liquid source. There is, additionally, a mist jet delivery nozzle arrangement, which includes one or more gas discharge nozzles arranged to receive a flow of pressurized gas from the gas inlet port and configured to accelerate the flow of gas so as to discharge it at an elevated velocity. Further, there are one or more liquid discharge nozzles arranged to receive a flow of liquid from the liquid inlet port and operative to discharge the flow of liquid into the elevated velocity flow of gas, thereby to similarly accelerate the velocity of the discharged liquid as a mist of accelerated droplets.



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